

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A computer-implemented method performed by a client system for viewing a calculator web page, comprising:

sending a request from a client having a web browser, to view the calculator web page;

receiving, by the client, the requested calculator web page, wherein JavaScript Dynamic HyperText Markup Language (HTML) including functionality, format and content of the requested calculator web page is received;

displaying the requested calculator web page in the[[a]] web browser in a calculator mode, wherein the web browser executes the JavaScript Dynamic HTML, the requested calculator web page comprising one or more editable cells and one or more non-editable cells, wherein the editable cells are displayed with a visually distinct indication from the non-editable cells via the JavaScript Dynamic HTML; and

allowing, via the JavaScript Dynamic HTML being executed by the web browser, a user to change content contents in the editable cells and[[but]] not allowing the user to change content contents in the non-editable cells in the displayed calculator web page;
and

~~allowing the user to change at least one of the editable cells to non-editable, and to change at least one of the non-editable cells to editable in the web browser.~~

Claim 2 (currently amended): The method of claim 1, further comprising e-mailing a link to the calculator web page, including:

allowing the user to click on “e-mail this page” button; and

allowing the user to enter a recipient's address.

Claim 3 (currently amended): The method of claim 1, further comprising embedding the calculator in a web page, including:

- allowing the user to indicate a calculator identifier (ID) of the calculator;
- displaying an HTML code including the calculator ID of the calculator; and
- allowing the user to copy the HTML code and paste it into the web page's HTML.

Claim 4 (original): The method of claim 3, wherein the embedded HTML web page includes "JavaScript include" tags.

Claim 5 (currently amended): The method of claim 6[[1]], wherein the JavaScript code of the web-based spreadsheet allows a user to change said at least one of the non-editable cells ~~is changed~~ to editable in response to clicking on said at least one of the editable cells without additional input, and ~~wherein~~ to change said at least one of the editable cells ~~is changed~~ to non-editable in response to clicking on said at least one of the non-editable cells without additional input.

Claim 6 (currently amended): The method of claim 1[[5]], further comprising:
allowing, via the JavaScript Dynamic HTML of the calculator web page, the user to edit the calculator web page as a web-based spreadsheet, wherein the web-based spreadsheet comprises JavaScript code that allows the user to change at least one of the editable cells to non-editable, and to change at least one of the non-editable cells to
editable in a calculator preview mode in the web browser~~wherein a JavaScript Dynamic HTML is downloaded to the client system, the JavaScript including functionality, format and content of the calculator web page.~~

Claim 7 (currently amended): A computer-implemented method performed by a server data processing system, comprising:

receiving a request, from a client system, for a calculator web page;
reviewing parameters received with the request for the calculator web page, said parameters include a calculator mode and a data ID;
sending the requested calculator web page, to the client system, based on the parameters received, wherein said calculator web page contains embedded data specific to the requested calculator web page and capable of causing display of a calculator, wherein a script dynamic mark-up language includes functionality, format and content of the calculator web page, the script dynamic mark-up language being executable by the web browser, wherein the calculator web page comprises one or more editable cells and one or more non-editable cells, the script dynamic mark-up language of the calculator web page causing the editable cells to be displayed with a visually distinct indication from the non-editable cells, and wherein the script dynamic mark-up language of the requested calculator web page allows a user to change content of at least one of the editable cells ~~to non-editable~~, and does not allow a user to change content of at least one of the non-editable cells ~~to editable~~ in a web browser.

Claim 8 (original): The method of claim 7, wherein before sending the calculator web page, JavaScript data is embedded into the calculator web page.

Claim 9 (original): The method of claim 7, wherein the data ID identifies a file name.

Claim 10 (currently amended): A computer-implemented method for viewing a spreadsheet using a calculator preview mode on a computer system, comprising:

sending a request, from a designer/creator, to view [[the]] a web-based spreadsheet in a spreadsheet mode, the web-based spreadsheet comprising a script;
displaying the spreadsheet in the spreadsheet mode in a web browser, wherein the web browser executes the script;
in response to a selection requesting, by the designer/creator~~[[,]]~~ to view the spreadsheet using the calculator preview mode in the web browser~~[[;]]~~, the script of the

web-based spreadsheet causing the display of ~~displaying~~ the spreadsheet in the calculator preview mode in the web browser, wherein certain portions of the displayed spreadsheet ~~have been~~ are selected as non-editable such that the spreadsheet has one or more editable cells and one or more non-editable cells, the script of the web-based spreadsheet causing the editable cells being displayed with a visually distinct indication from the non-editable cells; and

allowing, via the script of the web-based spreadsheet, the designer/creator to change at least one of the editable cells to non-editable, and to change at least one of the non-editable cells to editable in the displayed spreadsheet in the calculator preview mode in the web browser.

Claim 11 (currently amended): The method of claim 10, wherein the script of the web-based spreadsheet allows the designer/creator to select the calculator preview mode ~~requesting by the designer/creator, to view the spreadsheet using the calculator preview mode includes allowing the designer/creator to select a Calculator Preview command~~ from a Tools menu.

Claim 12 (currently amended): A computer-implemented method for allowing a user to change contents of cells in a calculator in a calculator mode, the method comprising:

displaying a web-based spreadsheet in the web browser using a calculator preview mode, the spreadsheet having cells, at least one of the cells of the spreadsheet depending on a value in one or more other cells of the spreadsheet, wherein any cells depending on the value in the other cells default to being non-editable cells, any editable cells being displayed with a distinct visual indication from said non-editable cells, the web-based spreadsheet comprising JavaScript code including functionality of the web-based spreadsheet, wherein said displaying comprises executing the JavaScript code by the web browser;

~~allowing a designer/creator to adjust the cells' editability in the calculator preview mode of the displayed spreadsheet in the web browser;~~

in response to the designer/creator clicking on said at least one of the editable cells in said calculator preview mode, the web browser by executing the JavaScript code changes said at least one of the editable cells to being non-editable;

in response to the designer/creator clicking on said at least one of the non-editable cells in said calculator preview mode, the web browser by executing the JavaScript code changes said at least one of the non-editable cells to being editable;

receiving, by a client system, a calculator based on the web-based spreadsheet in a calculator mode, the calculator comprising web-browser executable code including functionality, format and content of the calculator;

displaying the calculator in a web browser on a client system, wherein the web browser executes the web-browser executable code of the calculator that cause the cells to be displayed of the spreadsheet in a calculator mode with a visual indication based on the editability of the cells, such that any editable cells are displayed with said distinct visual indication from said non-editable cells; and

allowing, by the web browser executing the web-browser executable code of the calculator on the client system, a user to change contents of the editable cells in the calculator, which is displayed in the web browser, in the calculator mode based on any changes adjustments to the cells' editability made in the calculator preview mode.

Claim 13 (currently amended): The method of claim 10, ~~wherein at least one of the cells of the spreadsheet in the calculator preview mode depends on a value in one or more other cells of the spreadsheet, and any cells depending on the value in other cells default to being non-editable cells, and~~ in said calculator preview mode said web-based spreadsheet sets, by default, any cell that another cell depends on defaults to being an editable cell.

Claim 14 (currently amended): The method of claim 12, wherein the designer/creator is at the client, the client comprising a Data Array file of cell descriptions having values that are loadable from JavaScript of the web-based spreadsheet,

further comprising:

in response to the designer/creator selecting to save the web-based spreadsheet, the client sends the cell descriptions to a server, the server writing the cells descriptions to a Spreadsheet/Calculator data file wherein any cell that another cell depends on defaults to being an editable cell in the calculator preview mode.

Claim 15 (previously presented): The method of claim 12, wherein the cells containing text only default to being non-editable in the calculator preview mode.

Claim 16 (currently amended): The method of claim 12, wherein the JavaScript code is JavaScript Dynamic HyperText Markup Language (HTML) adjusting editability includes allowing the designer/creator to change the editability of a cell in response to the designer/creator clicking on that cell.

Claim 17 (previously presented): The method of claim 12, wherein the visually distinguishing indication is an outline around the editable cells, and the non-editable cells do not have the outline.

Claim 18 (currently amended): The method of claim 14[[12]], wherein said Data Array file comprises at least one flag value indicating editability of at least one cell, said flag value being changed in response to changing the editability of the cell, and said Spreadsheet/Calculator data file comprises at least one flag value indicating editability of at least one cell, said at least one flag value being changed in response to changing the editability of the cell adjusting editability includes changing a flag value in a Spreadsheet/Calculator Data file and a Data Array file.

Claim 19 (previously presented): The method of claim 18, wherein the flag in the Spreadsheet/Calculator Data file has a “FALSE” value for editable cells.

Claim 20 (previously presented): The method of claim 18, wherein the flag in the Spreadsheet/Calculator Data file has a "TRUE" value for non-editable cells.

Claim 21 (withdrawn). A data structure for allowing a user to view a calculator in a calculator mode, the data structure comprising:

- a member file for keeping information about members;

- a Spreadsheet /Calculator Data file for keeping a spreadsheet and calculator data information by a server; and

- a Data Array file for keeping the spreadsheet and the calculator data information by a client.

Claim 22 (withdrawn). The data structure of claim 21, wherein the member file includes a member ID, password, and dataID.

Claim 23 (withdrawn). The data structure of claim 21, wherein the spreadsheet /calculator data file includes a user name and information about each cell.

Claim 24 (withdrawn). The data structure of claim 23, wherein the information about each cell includes at least one of value, formula, formatting, borders, content, dependency, and editability.

Claim 25 (currently amended): A computer-implemented method for building a calculator on a client system, the method comprising:

- receiving a calculator web page comprising a web-browser executable script to display a calculator;

- determining, by executing the script in a web browser, a number of rows and columns for the calculator in accordance with data sent from a server;

initializing, by executing the script in the web browser, the content of each cell in the calculator in accordance with data sent from a server, the calculator comprising one or more editable cells and one or more non-editable cells;

building, by executing the script in the web browser, an input box for editable cells, wherein the input box visually distinguishes the editable cells from the non-editable cells;

making the cells visible once all the cells are built by executing the script in the web browser; and

performing, by executing the script in the web browser, a formula calculation for cells having formulas in them; and

allowing, by executing the script in the web browser, a user to enter contents in the editable cells, and not allowing the user to enter contents in non-editable cells~~at least one of the editable cells to be changed to non-editable, and at least one of the non-editable cells to be changed to editable in the web browser.~~

Claim 26 (currently amended): The method of claim 25, further comprising:

allowing, by executing the script in the web browser, a user to change at least one of the editable cells to non-editable, and at least one of the non-editable cells to editable~~a user to enter contents in the editable cells, but not allowing the user to enter contents in non-editable cells.~~

Claim 27 (previously presented): The method of claim 25, wherein said initializing includes obtaining information about each particular cell from a Data Array file.

Claim 28 (currently amended): An article of manufacture comprising a computer readable medium embodying one or more instructions executable by a computer for performing a method of producing~~viewing~~ a web-based spreadsheet, said method comprising:

providing a web-based spreadsheet at a server, wherein the web-based spreadsheet has one or more editable cells and one or more non-editable cells, the web-based

spreadsheet comprising a web-browser-executable script to allow a user to change at least one of the editable cells to non-editable, and to change at least of the non-editable cells to editable in a web browser; and

in response to a request from a client, sending the web-based spreadsheet to a client~~displaying the web-based spreadsheet in the web browser, wherein the web-based spreadsheet has one or more editable cells and one or more non-editable cells; and~~
~~allowing at least one of the editable cells to be changed to non-editable, and at least one of the non-editable cells to be changed to editable in the web browser.~~

Claim 29 (currently amended): The article of manufacture of claim 28, wherein the script of the web-based spreadsheet, in response to being executed by a web browser at the client, causes the editable cells to be~~[[are]]~~ displayed with a visually distinct indication from the non-editable cells.

Claim 30 (currently amended): The article of manufacture of claim 28 wherein said allowing script of said web-based spreadsheet, in response to being executed at a web browser, changes said at least one of the editable cells to non-editable in response to clicking on said at least one of the editable cells, and ~~said-allowing~~ changes said at least one of the non-editable cells to editable in response to clicking on said at least one of the non-editable cells without additional input.

Claim 31 (currently amended): An article of manufacture comprising a computer readable medium embodying one or more instructions executable by a computer for performing a method of producingviewing a web-based calculator, said method comprising:

receivingproviding a calculator web page at a server, the calculator web page to be displayed ;
~~displaying the calculator web page in a web browser, wherein the calculator web page has one or more editable cells and one or more non-editable cells,;and~~

the calculator web page comprising a web-browser-executable script allowing at least one of the editable cells to be changed to non-editable, and at least one of the non-editable cells to be changed to editable in the web browser; and
in response to a request from a client, sending the calculator web page to the client.

Claim 32 (currently amended): The article of manufacture of claim 31 wherein the script of the calculator web page causes the editable cells to be[[are]] displayed with a visually distinct indication from the non-editable cells.

Claim 33 (currently amended): The article of manufacture of claim 31 wherein said calculator web page is based on a spreadsheet/calculator file describing the cells of the calculator, the method further comprising:

providing a web-based spreadsheet based on the spreadsheet/calculator file, wherein the web-based spreadsheet has one or more editable cells and one or more non-editable cells, the web-based spreadsheet comprising code to change at least one of the editable cells to non-editable in response to clicking on said at least one of the editable cells, and to change at least one of the non-editable cells to editable in response to clicking on said at least one of the non-editable cells~~wherein said allowing changes said at least one of the editable cells to non-editable in response to clicking on said at least one of the editable cells, and said allowing changes said at least one of the non-editable cells to non-editable in response to clicking on said at least one of the non-editable cells.~~